Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Tuesday 11 Jul 2023 until 23:59 on Wednesday 12 Jul 2023

Forecast Issued on Monday 10 Jul 2023 at 15:16

Confidence: High confidence regarding unsettled conditions. Uncertainty regarding exact location of heavy showers and thunderstorms.

Headline for Tuesday 11 Jul 2023: Rain clearing to scattered heavy showers, with a risk of thunderstorms in the afternoon and early evening.

Mountain weather hazards on Tuesday 11 Jul 2023

Blizzards
No Likelihood

Gales
No Likelihood

Thunderstorms
Medium Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
No Likelihood

Heavy persistent rain
Low Likelihood

Storm force winds
No Likelihood

Poor visibility
Low Likelihood

Strong sunlight
High Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Light rain	Cloudy	Sunny intervals	Sunny intervals	Thundery showers	Thundery showers	Sunny intervals
Precipitation probability							
70%	60%	30%	20%	40%	60%	70%	30%

Forecast for Tuesday 11 Jul 2023

Weather: Rain, occasionally heavy, clearing southeastwards around dawn to leave a largely dry and bright start to Tuesday. Scattered showers developing from late morning, turning heavy and perhaps thundery in the afternoon and early evening and accompanied by gusty winds. Showers dying away through the evening to leave a largely dry and clear night.

Chance of cloud-free hill tops above 600m: 30% increasing to 80% by dawn.

Low cloud and visibility: Poor in early rain with widespread cloud above 400-600m. This clearing by dawn to leave generally good or very good visibility, but reducing to a few KM in heavy showers with patchy cloud 500-600m.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
© Crown Copyright 2023. All Rights Reserved.

Mountain Weather Forecast

Forecast for Tuesday 11 Jul 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	18/25 SW	13/18 SW	17/23 SW	20/27 SW	19/26 SW	16/23 SW	15/22 W	15/22 W	17/25 W
300	12/20 S	11/17 S	13/18 SW	16/24 SW	16/24 SW	12/18 SW	12/19 W	11/18 W	13/21 SW
Valley	8/20 S	5/14 S	8/16 SW	11/23 SW	11/21 SW	10/19 W	10/19 W	8/18 W	8/19 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/8	11/9	11/8	12/9	13/10	13/10	12/10	11/8	10/6
300	14/11	13/12	13/11	15/12	16/13	16/14	15/13	13/12	12/10
Valley	14/12	13/13	14/13	16/14	17/15	16/15	16/14	14/12	13/11
Freezing Level*	2600m	2500m	2300m	2300m	2400m	2400m	2300m	2100m	2200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Gusts of 30-35mph possible in association with heavy showers. Strong sunlight in clearer spells.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Mon 10 Jul 2023	9mm	13.4mm	14.2mm

Forecast for Wednesday 12 Jul 2023

Weather: Fine and dry to start, but scattered showers developing from late morning. These once again pose a risk of turning heavy with thunderstorm activity, before dying away in the evening.

Maximum wind: West/southwesterly 15-20mph gusting 25-30mph.

Chance of cloud-free hill tops above 600m: 80-90%.

Low cloud and visibility: Generally good or very good visibility, but reducing to a few KM in heavy showers with patchy cloud above 600m.

Temperature: **Valleys:** 11 deg C rising to 21 deg C
At 600m: 10 deg C rising to 13 deg C
Freezing level: Above summits.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
© Crown Copyright 2023. All Rights Reserved.